

L Number	Hits	Search Text	DB	Time stamp
1	2	4719262.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:28
2	2	4961967.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:31
3	2	4933377.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:33
4	2	6004755.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:35
5	82246	microarray same discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:35
6	82214	microarray near5 discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
7	82204	microarray adj2 discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
8	1674	microarray	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
9	463	microarray and discrete	USPAT; US-PGPUB; DERWENT	2002/08/14 14:37

O

OMe

CH₂ O - (CH₂)₃ - Si OMe

OMe

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 83 OF 146 CAPLUS COPYRIGHT 2002 ACS

AN 1995:713669 CAPLUS

DN 123:144634

TI Preparation of **peptide** analogs and other oxazalone (azlactone) derived materials.

IN Hogan, Joseph C., Jr.

PA Legomer Partners, L.P., USA

SC PCT Int. Appl., 134 pp.

CODEN: PIXXD2

DT Patent

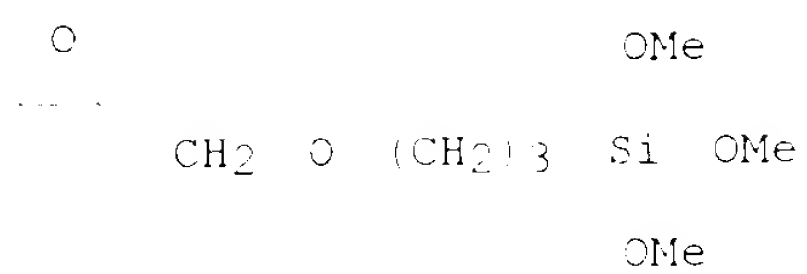
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9400509	A1	19940106	WO 1993-US6240	19930630
	W:	AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GE, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US			
	FW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9346591	A1	19940124	AU 1993-46591	19930630
	AU 678168	B2	19970522		
	EP 649443	A1	19950426	EP 1993-916883	19930630
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
	JP 08500576	T2	19960123	JP 1993-502661	19930630
	BR 9306656	A	19991208	BR 1993-6656	19930630
PRAI	US 1992-906756		19920630		
	US 1993-41562		19930402		
	WO 1993-US6240		19930630		
AB	AX(NHCRR1COG)nYB [A, B = bond, H, electrophilic group, nucleophilic group, amino acid deriv., nucleotide deriv., carbohydrate deriv., org. structural motif, reporter element, org. moiety contg. a polymerizable group, macromol. component, etc.; A and B are optionally connected to each other or to other structures; X, Y = bond, (stereq.) C, N, S, O atom or combinations thereof; R, R1 = substituted alkyl, cycloalkyl, aralkyl, alkaryl, or heterocyclic derivs. thereof; E = connecting group, bond; n. (stereq.); with proviso], were prepd. The new mol. and fabricated materials are mol. recognition agents useful in the design and synthesis of drugs, and have applications in sepsns. and materials science. Thus, human elastase inhibitor (I) was prepd. starting from (S)-2-methylleucine via azlactone intermediates (II) and (III).				

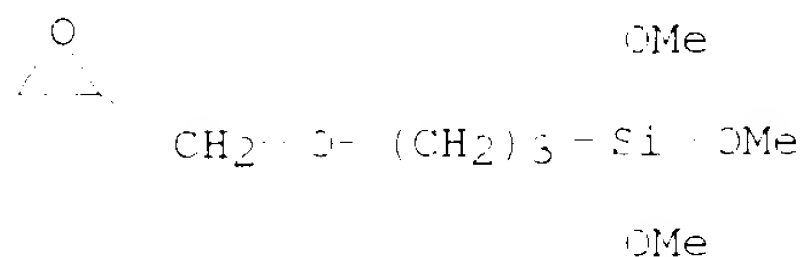
IT 2530-83-8D, silica-bound

PL: PCT Reagent



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LG ANSWER 141 OF 146 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:152580 CAPLUS
 DN 90:152580
 TI Carboxyl-terminal sequential degradation of **peptides**
 AU Parham, M. E.; Loudon, G. Marc
 CS Dep. Chem., Cornell Univ., Ithaca, N. Y., USA
 SO Biochem. Biophys. Res. Commun. (1978), 80(1), 1-6
 CODEN: BBRCAP; ISSN: 0006-291X
 DT Journal
 LA English
 AB A Hofmann-type degradn. of **peptide** amides was used for the title
 degradn. CPG(O)-Pep-CONHCHRCONH2 [CPG = controlled pore glass, CPG(O) =
 CPG-Si(OMe)2(CH2)3OCH2CO, Pep-CO = **peptide** residue, R = side
 chain of C-terminal amino acid amide] was treated with PhI(O2CCF3)2 to
 give the isocyanate deriv. which was hydrolyzed in acid to give
 CPG(O)-Pep-CONHCHFNH3+ which was hydrolyzed at pH 7 and 100.degree. to
 give CPG(O)-Pep-CONH2 (I) and RCHO. I can be degraded by a repetition of
 the above procedure. This repetitive procedure was applied to eleodoisin
 analog H-Lys-Phe-Ile-Gly-Leu-Met-NH2.
 IT **2530-83-8**
 RL: RCT (Reactant)
 (reaction of, with controlled pore glass)
 RN 2530-83-8 CAPLUS
 CN Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (3CI) (CA INDEX NAME)



LE ANSWER 119 OF 146 CAPLUS COPYRIGHT 2002 ACS
 AN 1989:169490 CAPLUS
 IN 1989:169490
 TI **Protein** modified with a silanation reagent as an adhesive
 binder and process of producing
 IN Krinski, Thomas L.; Steinmetz, Alan L.
 PA Ralston Purina Co., USA
 SO U.S., 7 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4713116	A	19871215	US 1987-226	19870102
AB	Title protein , when employed in paper coating contg. pigments, providing greater pigment structuring and wet rub resistance, is manufd. by treating an alk. protein dispersion with organosilanes. Thus, an alk. soybean flake ext. was heated with 8- (based on protein solids) NaOH at 60.degree. for 90 min, mixed with 10- .gamma.-glycidyloxypropyltrimethoxysilane at 50.degree. and pH 11 for 1 h, and treated with H2SO4 to pH 4.3 to give a ppt. A 47.4--solids paper coating compn. from clay 100, Na pyrophosphate 0.2, SEB latex 10, and the above ppt. 5 parts had viscosity (at 25.degree.) 5350, 3025, 1350, and 745 cP at 10, 20, 50, and 100 rpm, resp. Paper coated with the compn. showed K&N ink receptivity 17.8-, IGT coating lift off 206 cm/s, and wet rub 90.1-, vs. 14.5, 192, and 83.0, resp., for coating contg. unmodified protein binders .				
IT	2530-83-8, .gamma.-Glycidyloxypropyltrimethoxysilane RL: USES (Uses) (proteins modified with, as binders for paper coating with good rheol. property, printability and wet rub resistance)				
RN	2530-83-8 CAPLUS				
CN	Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (9CI) (CA INDEX NAME)				

